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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/567,126
		Filing Date	February 1, 2006
		First Named Inventor	Vera Cherepinsky
		Art Unit	To be assigned
		Examiner Name	To be assigned
Total Number of Pages in This Submission		Attorney Docket Number	035950/US/2 - 475396-00167

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): <input type="checkbox"/> PTO-1449 form with references and Return Receipt Postcard
<input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address	
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<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Dorsey & Whitney, L.L.P.		
Signature			
Printed name	Gary Abelev, Esq.		
Date	August 25, 2006	Reg. No.	Reg. No. 40,479

CERTIFICATE OF TRANSMISSION/MAILING

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Signature			
Typed or printed name	Gary Abelev, Esq.	Date	August 25, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT

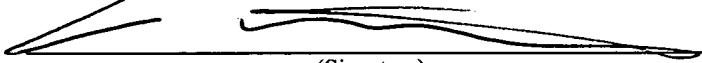
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s) : Vera Cherepinsky et al.
Serial No. : 10/567,126
Filed : February 1, 2006
Entitled : METHODS, SOFTWARE ARRANGEMENTS AND STORAGE MEDIA, AND SYSTEMS FOR GENOTYPING OR HAPLOTYPING POLYMORPHIC GENETIC LOCI OR STRAIN IDENTIFICATION
Group Art Unit : To be assigned
Examiner : To be assigned

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

I hereby certify that this document is being sent via First Class U. S. mail addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on this day of August 25, 2006.


(Signature)
Gary Abelev, Esq.

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicants bring to the attention of the Examiner the documents listed on the attached Form PTO 1449, and respectfully request that the listed documents be considered by the Examiner and made of record in the above-captioned application. An original book by Thomas M. Cover et al. and copies of the articles listed on the Form PTO-1449 are enclosed.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that the listed documents are material or constitute "prior art." If the Examiner applies the documents as prior art against any claim in the

application and applicants determine that the cited documents do not constitute "prior art" under United States law, applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of the documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should the documents be applied against the claims of the present application.

This submission is being filed before any action by the U.S. Patent and Trademark Office on the merits. Therefore, applicants do not believe that any fee is due in connection with the submission of this paper. However, if any fee is due, or if any overpayment has been made, the Commissioner is authorized to charge any such fee or credit any overpayment, to our Deposit Account No. 50-2054.

Respectfully submitted,

DORSEY & WHITNEY, LLP



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Attorneys for Applicants
(212) 415-9371

Form PTO-1449 U.S. Department of Commerce
(REV. 2-82) Patent and Trademark Office

Atty. Docket No.
035950/US/2 - 475396-
00167

Serial No.
10/567,126

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**
(use several sheets if necessary)



Applicant(s)
Vera Cherepinsky et al.

Filing Date
February 1, 2006

Group
To be assigned

U.S. PATENT DOCUMENTS

*Exam. Init.		Document No.							Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENT

		Document No.							Date	Country	Class	SubClass	Translator Yes No

OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)

		Clarissa Consolandi et al., "Detection of HLA Polymorphisms by Ligase Detection Reaction and a Universal Array Format: A Pilot Study for Low Resolution Genotyping" Elsevier 2003, Vol. 64, pages 168-178
		Lars Kaderali et al., "An Algorithm to Select Target Specific Probes for DNA Chips", 2001 http://citeseer.nj.nec.com/kaderali01algorithm.html pages 1-10
		James Boreman et al., "Probe selection algorithms with applications in the analysis of microbial communities", Bioinformatics 2001, Vol. 17, pages S39-S48
		Michael Luby, "A Simple Parallel Algorithm for the Maximal Independent Set Problem", ACM, 1985 pages 1-10
		K. Cao et al., "Reviews in Immunogenetics", Vol. 1 No. 2, 1999
		Thomas M. Cover et al., "Elements of Information Theory" John Wiley and Sons, New York 1991

4820-6054-1441\1

Examiner

Date Considered

* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.